

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

IN THE CLAIMS:

1. (Currently Amended) A radiation protection arrangement (20; 30; 40; 50) for screening radiation emitted by a radiation source, in particular an X-ray source [[(3)]], having
a screening element (22, 23; 32a, 33a-c; 42, 43; 52) which comprises or includes a radiation protection material, and
a cover (24, 25; 34a, 35a-c; 44, 45; 54) which is matched in shape to the screening element (22, 23; 32a, 33a-c; 42, 43; 52) and completely surrounds the latter, it being possible to pull the cover (24, 25; 34a, 35a-c; 44, 45; 54) over the screening element (22, 23; 32a, 33a-c; 42, 43; 52) and completely separate it therefrom.
2. (Currently Amended) A radiation protection arrangement according to Claim 1,
characterized in thatwherein
the cover (24, 25; 34a, 35a-c; 44, 45; 54) comprises a material which can be sterilized using a suitable device or a suitable process.
3. (Currently Amended) A radiation protection arrangement according to Claim 1[[or 2]],
characterized in thatwherein
for the purpose of altering the length, the cover (24, 25; 34a, 35a-c; 44, 45; 54), with the screening element (22, 23; 32a, 33a-c; 42, 43; 52) arranged therein, can be turned up in at least one direction and fixed in the turned-up arrangement using a fixing device (27; 37, 38, 39; 47).

4. (Currently Amended) A radiation protection arrangement according to Claim 3,

~~characterized in thatwherein~~

the fixing device is formed by press studs (27; 37; 47).

5. (Currently Amended) A radiation protection arrangement according to Claim 3,

~~characterized in thatwherein~~

the fixing device is formed by a hook-and-burr closure[[(38)]].

6. (Currently Amended) A radiation protection arrangement according to Claim 3,

~~characterized in thatwherein~~

the fixing device is formed by a tie closure [(39)].

7. (Currently Amended) A radiation protection arrangement according to ~~one of the preceding~~

~~claims~~Claim 1, wherein

~~characterized in that~~

the cover (24, 25; 34a, 35a-e; 44, 45; 54) has means for securing it to a carrier element (21, 31a-e, 41) which holds the screening element (22, 23; 32a, 33a-e; 42, 43; 52).

8. (Currently Amended) A radiation protection arrangement according to Claim 7

~~characterized in thatwherein~~

the means for securing are tapes [(26)].

9. (Currently Amended) A radiation protection arrangement according to Claim 7,

~~characterized in thatwherein~~

the means for securing are press studs.

10. (Currently Amended) A radiation protection arrangement according to Claim 7,
characterized in that~~wherein~~

the means for securing are hook-and-burr closures.

11. (Currently Amended) A radiation protection arrangement according to ~~one of the preceding claims~~Claim 1, wherein

~~characterized in that~~

the screening element is formed by a single blanket (23, 33a-e, 52) which includes an X-ray screening material, and the cover is formed by a sheath (25, 35a-e, 54) which is matched in its dimensions to the blanket (23, 33a-e, 52) and is open to one side.

12. (Currently Amended) A radiation protection arrangement according to ~~one of Claims 1-10, Claim 1~~, wherein

~~characterized in that~~

the screening element comprises a plurality of slats [(43)] arranged next to one another and including an X-ray screening material and are secured at one end to a common carrier element[(41)],

the cover having a plurality of elongate sheaths [(45)] for receiving a respective slat [(43)] and connected to one another at one end by way of a common cuff[(45a)].

13. (Currently Amended) A radiation protection arrangement according to Claim 12,
characterized in that~~wherein~~

the slats[[(43)]] are arranged such that they overlap.

14. (Currently Amended) A radiation protection arrangement according to ~~one of Claims 3 to 6~~ and ~~Claim 12 or 13, wherein~~ characterized in that

each sheath[[(45)]] has its own fixing device[[(47)]] for the purpose of altering the length.

15. (Currently Amended) A radiation protection arrangement according to ~~one of the preceding claims~~~~Claim 1, wherein~~ characterized in that

the screening element (22, 23; 32a, 33a-c; 42, 43; 52) includes a lead sheet or lead rubber blanket surrounded by a PVC cover.

16. (Currently Amended) A radiation protection arrangement according to Claim 15,

~~characterized in that~~wherein

the screening element (22, 23; 32a, 33a-c; 42, 43; 52) has a lead equivalence value of approximately 0.5 mm.

17. (Currently Amended) A radiation protection arrangement according to ~~one of the preceding claims~~~~Claim 1, wherein~~ characterized in that

it is arranged on the underside of a radiation protection panel [(6)].

18. (Currently Amended) A radiation protection arrangement according to ~~one of Claims 1 to 16~~
Claim 1, wherein
characterized in that

it forms a lower body protection arranged to the side of a medical operating or treatment table[[(2)]].

19. (Currently Amended) A cover (~~24, 25; 34a, 35a-c; 44, 45; 54~~) for a screening element (~~22, 23; 32a, 33a-c; 42, 43; 52~~) which comprises or includes a radiation protection material and is provided for use in a radiation protection arrangement (~~20; 30; 40; 50~~) for screening radiation emitted by a radiation source, in particular an X-ray source[[(3)]], the cover (~~24, 25; 34a, 35a-c; 44, 45, 54~~) being constructed such that it can be pulled over the screening element (~~22, 23; 32a, 33a-c; 42, 43; 52~~) and completely separated therefrom again.

20. (Currently Amended) A cover according to Claim 19,

characterized in thatwherein

the cover (~~24, 25; 34a, 35a-c; 44, 45; 54~~) comprises a material which can be sterilized using a suitable device or a suitable process.

21. (Currently Amended) A cover according to Claim 19[[or 20]],

characterized in thatwherein

for the purpose of altering the length, the cover can be turned up in at least one direction and fixed in the turned-up arrangement using a fixing device (~~27; 37, 38, 39; 47~~).

22. (Currently Amended) A cover according to ~~one of Claims 19 to 21,~~

~~characterized in that~~Claim 19, wherein

the cover is a sheath (25, 35a-e, 54) which is matched in its dimensions to the screening element (22, 23; 32a, 33a-c; 42, 43; 52) and is open to one side.

23. (Currently Amended) A cover according to ~~one of Claims 19 to 21,~~

~~characterized in that~~Claim 19, wherein

the cover has a plurality of elongate sheaths[[(45)]] which are connected to one another at one end by way of a common cuff[[(45a)]].

24. (Currently Amended) A cover according to ~~Claims 21 and 23,~~

~~characterized in that~~Claim 23, wherein

each sheath[[(45)]] has its own fixing device[[(47)]] for the purpose of altering the length.